BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub Division

MODIFIED ESTIMATION

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no 01	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. and as per the directions of the Engineer-in-charge of the work .								
	Drain								
	To the right side of Anganavadi	Cum	1	21.5	1.1	0.85	20.10		
	Front side of Anganavadi	Cum	1	26	1.1	0.85	24.31		
	4th cross Kote Road	Cum	2	116	1.1	1	255.20		
	Gnanabharathi School Road								
	RHS	Cum	1	106	1	1	106.00		
	Kondappa Layout								
	29th Cross Road								
		Cum	1	13.6	0.9	1	12.24		
	LHS	Cum	1	90.2	1	1.1	99.22		
		Cum	1	81	1	1	81.00		
		Cum	1	25	1	1	25.00		
	9th Cross Kondappa	Cum	1	110	1	1	110.00		
	Desilt								
	Cross Road	Cum	2	75.00	0.45	0.50	33.75		
	Cross Road	Cum	1	60.00	0.45	0.50	13.50		
	Culvert								
	Kote Road								
	4th Cross Road	Cum	1	5	1.5	1	1.13		
	For CC Road								
	Anganavadi Surrounding Area								
	Cross road Behind Anganavadi	Cum	1	46.9	2.50	0.3	35.20		
	Right side of	Cum	1	21.5	1.30	0.3	8.39		
	Anganavadi front	Cum	1	30	2.20	0.3	19.80		
	Cross road near anganavadi	Cum	1	22.3	2.10	0.3	14.08		
	2nd cross Gopalaswami temple	Cum	1	36	2.40	0.3	25.92		
	Samudhaya Bhavana surrounding								
	Behind Samudhayabhavana	Cum	1	16.5	3.75	0.3	18.56		
	cross road behind samudhaya bhavana	Cum	1	33.5	2.75	0.3	27.64		
	Left side of	Cum	1	16.5	2.60	0.3	12.87		
	Front of Samudhaya	Cum	1	8.6	5.50	0.3	14.19		
	Venkataramana Provision Store to Dead End	Cum	1	58.2	3.41	0.3	59.59		
	Cross Road	Cum	1	27.4	2.85	0.3	23.43		

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
	Over Burden								
	Cross Road	Cum	1	47.5	0.90	0.15	6.42		
		Cum	1	15.00	0.30	0.20	0.90		
	Basic Rate Rs.=	130.00							
	Add 6% A.W Rs. =	7.80							
	Sub Total =	137.80							
	8Km Lead, Loading and Unloading	77.48							
	Total Rate Rs. =	**215.28**							
						Total executed Quantity	**1048.43**	**215.28**	**225705.42**
						Tender Quantity	**1048.50**		
Item no 02	Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications. and as per the directions of the Engineer-in-charge of the work .								
	Drain PCC								
	To the right side of Anganavadi	Cum	1	21.5	1.1	0.15	3.55		
	Front side of Anganavadi	Cum	1	26	1.1	0.15	4.29		
	4th cross Kote Road	Cum	2	116	1.1	0.15	38.28		
	Gnanabharathi School Road								
	RHS	Cum	1	106	0.95	0.15	15.11		
	Kondappa Layout								
	29th Cross Road								
		Cum	1	13.6	0.9	0.15	1.84		
	LHS	Cum	1	90.2	0.95	0.15	12.84		
	Venugopala Swami Temple Road	Cum	1	81	1	0.15	12.15		
	Venugopala Swami Temple Road	Cum	1	25	0.9	0.15	3.38		
	9th Cross Kondappa Layout	Cum	1	110	0.95	0.15	15.68		
	Culvert PCC								
	Kote Road								
	4th Cross Road	Cum	1	5	1.5	0.15	1.13		
	For CC Road								
	Anganavadi Surrounding Area								
	Cross road Behind Anganavadi	Cum	1	46.9	2.50	0.15	17.60		
	Right side of anganavadi	Cum	1	21.5	1.30	0.15	4.19		
	Anganavadi front	Cum	1	30	2.20	0.15	9.90		
	Cross road near anganavadi	Cum	1	22.3	2.10	0.15	7.04		
	2nd cross Gopalaswami temple	Cum	1	36	2.40	0.15	12.96		
	Samudhaya Bhavana surrounding								
	Behind Samudhayabhavana	Cum	1	16.5	3.75	0.15	9.28		
	cross road behind samudhaya bhavana	Cum	1	33.5	2.75	0.15	13.82		
	Left side of samudhaya bhavana	Cum	1	16.5	2.60	0.15	6.44		

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
	Front of Samudhaya bhavana	Cum	1	8.6	5.50	0.15	7.10		
	Venkataramana Provision Store to Dead End	Cum	1	58.2	3.4	0.15	29.80		
	Cross Road	Cum	1	27.4	2.85	0.15	11.71		
	Basic Rate Rs.=	5115.00							
	Add 6% A.W Rs. =	306.90							
	Total Rate Rs. =	**5421.90**							
						Total executed Quantity	238.05	5421.90	1290707.21
						Tender Quantity	238.05		
Item no 03	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification and as per the directions of the Engineer-in-charge of the work .								
	Drain								
	Bottom Slab								
	To the right side of Anganavadi	Cum	1	21.5	0.9	0.15	2.90		
	Front side of Anganavadi	Cum	1	26	0.9	0.15	3.51		
	4th cross Kote Road	Cum	2	116	0.9	0.15	31.32		
	Gnanabharathi School Road								
	RHS	Cum	1	106.00	1.10	0.15	17.49		
	Kondappa Layout								
	29th Cross Road								
		Cum	1	13.6	0.85	0.15	1.73		
	LHS	Cum	1	90.20	0.80	0.15	10.82		
	Venugopala Swami Temple Road	Cum	1	81.00	0.90	0.15	10.94		
	Venugopala Swami Temple Road	Cum	1	25.00	0.80	0.15	3.00		
	9th Cross Kondappa Layout	Cum	1	110.00	0.75	0.15	12.38		
	Drain Side Wall								
	To the right side of Anganavadi	Cum	2	21.5	0.15	0.45	2.90		
	Front side of Anganavadi	Cum	2	26	0.15	0.5	3.67		
	4th cross Kote Road	Cum	4	116	0.15	0.6	41.76		
	Gnanabharathi School Road						0.00		
	RHS	Cum	2	106	0.15	0.6	19.08		
	Kondappa Layout								
	29th Cross Road								
		Cum	2	13.6	0.15	0.65	2.65		
	LHS	Cum	2	90.2	0.15	0.6	16.24		
	Venugopala Swami Temple Road	Cum	2	81	0.15	0.6	14.58		
	Venugopala Swami Temple Road	Cum	2	25	0.15	0.65	4.88		
	9th Cross Kondappa Layout	Cum	2	110	0.15	0.6	19.80		
						Sub Total	219.65		

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
	Culvert								
	Bottom Slab								
	Kote Road								
	4th Cross Road	Cum	1	5.00	1.30	0.20	1.30		
	Side Walls								
	4th Cross Road	Cum	2	5.00	0.20	0.60	1.20		
						Sub Total	2.50		
	Basic Rate Rs.=	6670.00							
	Add 6% A.W Rs. =	400.20							
	Total Rate Rs. =	**7070.20**							
						Total Executed Quantity	222.15	7070.20	1570643.52
						Tender Quantity	222.15		
Item no 04	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work .								
	for Drain	Cum		Concrete Quantity			219.65		
		kg		Steel assumed 70Kg/Cum of Concrete			15458.95		
		tonne					15.46		
	for Culvert	Cum		Concrete Quantity			2.50		
		kg		Steel assumed 100Kg/Cum of Concrete			0.33		
		tonne					0.33		
	Basic Rate Rs.=	69804.00							
	Add 6% A.W Rs. =	4188.24							
	Total Rate Rs. =	**73992.24**							
						Total Executed Quantity	15.78	73992.24	1167286.47
						Tender Quantity	15.78		
Item no 05	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery ,loading, unloading, lead and lift,transportation etc ,copmplete. and as per the directions of the Engineer-in-charge of the work .								
	To the right side of Anganavadi	Sqm	1	21.5	0.75		16.13		
	Front side of Anganavadi	Sqm	1	26	0.75		19.50		
	4th cross Kote Road	Sqm	2	112	0.75		168.00		
	Gnanabharathi School Road	Sqm							
	RHS	Sqm	1	105.4	0.75		79.07		
	Kondappa Layout	Sqm							
	29th Cross Road	Sqm							
		Sqm	1	13.6	0.75		10.20		
	LHS	Sqm	1	90.2	0.75		67.65		
	Venugopala Swami Temple Road	Sqm	1	81	0.75		60.75		
	Venugopala Swami Temple Road	Sqm	1	25.00	0.75		18.75		
	9th Cross Kondappa Layout	Sqm	1	100	0.75		75.00		
						Total Executed Quantity	513.85		
						Tender Quantity	506.25		
						Quantity Upto 125%	513.85	2337.00	1200861.61

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no 06	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.and as per the directions of the Engineer-in-charge of the work .								
	CULVERT								
	Cover slab								
	Kote Road								
	4th Cross Road	Sqm	1	5.00	1.20		6.00		
	Misssing Cover slab								
		Sqm	1	10.00	1.20		12.00		
						Total Executed Quantity	18.00	5418.00	97524.00
						Tender Quantity	18.00		
Item no 07	Cement concrete pavement.Construction of un-reinforced plain cement concrete for pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastisiser @3lts confirming to IS9103-2008.mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine,and curing including cost of all materials,labour,hire charges of machineries,all lead and lift charges etc., complete as per specifications. and as per the directions of the Engineer-in-charge of the work .								
	Anganavadi Surrounding Area								
	Cross road Behind Anganavadi	Cum	1	46.90	2.50	0.15	17.60		
	Right side of anganavadi	Cum	1	21.50	1.30	0.15	4.19		
	Anganavadi front	Cum	1	30.00	2.20	0.15	9.90		
	Cross road near anganavadi	Cum	1	22.30	2.1	0.15	7.04		
	2nd cross Gopalaswami temple	Cum	1	36.00	2.40	0.15	12.96		
	Samudhaya Bhavana surrounding								
	Behind Samudhayabhavana	Cum	1	16.50	3.75	0.15	9.28		
	cross road behind samudhaya bhavana	Cum	1	33.50	2.75	0.15	13.82		
	Left side of samudhaya bhavana	Cum	1	16.50	2.60	0.15	6.44		
	Front of Samudhaya bhavana	Cum	1	8.60	5.85	0.15	7.55		
	Venkataramana Provision Store to Dead End	Cum	1	58.20	3.4	0.15	29.80		
	Cross Road	Cum	1	27.40	2.85	0.15	11.71		
	Basic Rate Rs.=	4916.00							
	Add 6% A.W Rs. =	294.96							
	Total Rate Rs. =	5210.96							
						Total Executed Quantity	130.28	5210.96	678896.58
						Tender Quantity	130.28		

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no 08	Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift. and as per the directions of the Engineer-in-charge of the work .								
	Anganavadi								
	Cross road Behind	Sqm	1	46.9	2.50		117.34		
	Right side of anganavadi	Sqm	1	21.5	1.30		27.95		
	Anganavadi front	Sqm	1	30	2.20		66.00		
	Cross road near anganavadi	Sqm	1	22.3	2.10		46.92		
	2nd cross Gopalaswami temple	Sqm	1	36	2.40		86.40		
	Samudhaya Bhavana								
	Behind Samudhayabhavana	Sqm	1	16.5	3.75		61.88		
	cross road behind samudhaya bhavana	Sqm	1	33.5	2.75		92.13		
	Left side of samudhaya bhavana	Sqm	1	16.5	2.60		42.90		
	Front of Samudhaya bhavana	Sqm	1	8.6	5.85		50.31		
	Basic Rate Rs.=	68.00							
	Add 6% A.W Rs. =	4.08							
	Total Rate Rs. =	**72.08**							
						Total Executed Quantity	**591.82**	**72.02**	**42623.09246**
						Tender Quantity	**868.50**		
Item no 09	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications								
	Samudayabhavana								
	For Column Footing								
	F1	Cum	2	1.05	1.35	1.80	5.10		
	F2	Cum	6	1.20	1.20	1.80	15.55		
	SSM Foundation								
	Westernside Wall	Cum	1	3.64	0.90	1.85	6.06		
	Easternside Short Wall	Cum	1	0.27	0.90	1.85	0.44		
	Easternside Short Wall	Cum	1	0.29	0.90	1.85	0.47		
	Easternsidewall fornt wall	Cum	1	2.64	0.90	1.85	4.40		
	Northenside and Southernside Long Wall	Cum	2	7.34	0.90	1.85	24.43		
	Northenside and Southernside front Side Short Wall	Cum	1	1.34	0.90	1.85	2.22		
	Northenside and Southernside front	Cum	1	1.34	0.90	1.85	2.22		
	Basic Rate	189.00							
	Area Weightage @8%	15.12							
	Total Amount	204.12							
						Total Executed Quantity	**60.90**		
						Tender Quantity	**35.32**		
						Quantity Upto 125%	**44.15**	**204.12**	**9011.9**
						Quantity Above 125%	**16.75**	**204.12**	**3418.6**

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no 10	Excavation 1.5m and above in width in soft rock without blasting for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches not exceeding 1.5 m. in depth, stacking the excavated stuff from edges of excavation with lead upto 50m including cost of explosives, labour and HOM of equipment complete as per specifications								
	Samudayabhavana								
		Cum	1	4.90	3.50	0.40	6.86		
		Cum	1	4.90	3.90	0.40	7.64		
	Basic Rate	883.00							
	Area Weightage @8%	70.64							
	Total Amount	953.64							
						Total Executed Quantity	14.50	953.64	13831.6
						Tender Quantity	15.14		
Item no 11	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications.								
	Earthwork Excavation Qty	Cum		From Item no 9			60.90		
		Cum							
	Deduction	Cum							
	SSM	Cum		From Item no 21			-38.00		
	Footing Concrete Quantity	Cum		From Item no 13			-8.71		
		Cum							
	Basic Rate	76.00							
	Area Weightage @8%	6.08							
	Total Amount	82.08							
						Total Executed Quantity	14.19	82.08	1164.7
						Tender Quantity	50.45		
Item no 12	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892Cum and fine aggregates @ 0.465Cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications								
	Samudayabhavana								
	For column Footing	Cum	2	1.05	1.35	0.15	0.43		
		Cum	6	1.20	1.20	0.15	1.30		
	Below SSM								
	Westernside Wall	Cum	1	3.64	0.9	0.15	0.49		
	Easternside Short Wall	Cum	1	0.27	0.9	0.15	0.04		
	Easternside Short Wall	Cum	1	0.29	0.9	0.15	0.04		
	Easternsidewall fornt wall	Cum	1	2.64	0.9	0.15	0.36		
	Northenside and Southernside Long Wall	Cum	2	7.34	0.9	0.15	1.98		
	Northenside and Southernside front Side Short Wall	Cum	1	1.34	0.9	0.15	0.18		
	Northenside and Southernside front Side Short Wall	Cum	1	1.34	0.9	0.15	0.18		

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
	For Flooring	Cum	1	4.38	9.36	0.20	8.20		
		Cum	1	3.23	1.78	0.20	1.15		
	Flooring Deduction	Cum	-1	3.40	3.38	0.15	-1.72		
		Cum							
	Basic Rate	5046.00							
	Area Weightage @8%	403.68							
	Total Amount	**5449.68**							
						Total Executed Quantity	**12.61**	**5449.68**	**68718.5**
						Tender Quantity	**13.80**		

Item no 13 Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.

	Samudayabhavana								
	For column footing								
	F1	Cum	2.00	0.90	1.20	0.75	1.62		
	F2	Cum	6	1.05	1.05	0.75	4.93		
	Basic Rate	6221.00							
	Area Weightage @8%	497.68							
	Total Amount	**6718.68**							
						Total Executed Quantity	6.55	**6718.68**	**44007.4**
						Tender Quantity	6.55		

Item no 14 Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.

	Samudayabhavana								
	Column Pedstral								
	C1	Cum	2	0.60	0.60	0.75	0.54		
	C2	Cum	6	0.60	0.60	0.75	1.62		
	Column upto Plinth								
	C1	Cum	2	0.30	0.23	0.30	0.04		
	C2	Cum	6	0.40	0.23	0.30	0.17		
	Plinth Beam								
	Along short length	Cum	1	4.84	0.23	0.45	0.50		
	Along long length	Cum	2	9.13	0.23	0.45	1.89		
	Front along short	Cum	2	1.78	0.23	0.45	0.37		
	Front along short	Cum	2	0.81	0.23	0.45	0.17		
	Front along long	Cum	1	3.23	0.23	0.45	0.33		
	Column upto roof								
	C1	Cum	2	0.30	0.23	3.03	0.42		
	C2	Cum	6	0.40	0.23	3.03	1.67		
	Over all lintel								
	Northenside and Southernside Long	Cum	2	9.82	0.23	0.15	0.68		
	Westernside Wall	Cum	1	4.84	0.23	0.15	0.17		

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
	Easternside Short Wall	Cum	2	0.79	0.23	0.15	0.05		
	Northenside and Southernside front Side Short Wall	Cum	2	2.01	0.23	0.15	0.14		
	Easternsidewall fornt wall	Cum	1	3.69	0.23	0.15	0.13		
	Cills								
	Window, W	Cum	2	2.02	0.23	0.10	0.09		
	Window, W1	Cum	2	0.70	0.23	0.10	0.03		
	Window, W2	Cum	2	1.10	0.23	0.10	0.05		
	Samudayabhavana								
	Roof Beam								
	Along short length	Cum	3	4.95	0.40	0.45	2.67		
	Along long length	Cum	2	8.77	0.23	0.45	1.82		
	Front along short	Cum	2	2.08	0.23	0.45	0.43		
	Front along long	Cum	1	3.29	0.23	0.45	0.34		
	Roof Slab	Cum	1	5.45	10.22	0.15	8.35		
		Cum	1	4.25	2.48	0.15	1.58		
	Basic Rate	6011.00							
	Area Weightage @8%	480.88							
	Total Amount	**6491.88**							
						Total Executed Quantity	24.26	6491.88	157461.1
						Tender Quantity	25.14		
Item no 15	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per directions of the Engineer-in-charge.								
	Samudayabhavana								
	Footing	Cum		Concrete Quantity			6.55		
		kg		Steel assumed 110Kg/Cum of Concrete			720.50		
		tonne					0.72		
	Column Pedastal	Cum		Concrete Quantity			2.16		
		kg		Steel assumed 80Kg/Cum of Concrete			172.80		
		tonne					0.17		
	Column	Cum		Concrete Quantity			2.13		
		kg		Steel assumed 215Kg/Cum of Concrete			458.40		
		tonne					0.46		
	Plinth Beam	Cum		Concrete Quantity			3.26		
		kg		Steel assumed 110 Kg/Cum of Concrete			365.26		
		tonne					0.37		
	Lintel	Cum		Concrete Quantity			1.17		
		kg		Steel assumed 135 Kg/Cum of Concrete			157.28		
		tonne					0.16		
	Cill	Cum		Concrete Quantity			0.18		
		kg		Steel assumed 150 Kg/Cum of Concrete			26.36		
		tonne					0.03		

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
	Roof Beam	Cum	Concrete Quantity				5.26		
		kg	Steel assumed 190 Kg/Cum of Concrete				988.78		
		tonne					0.99		
	Roof Slab	Cum	Concrete Quantity				9.94		
		kg	Steel assumed 140 Kg/Cum of Concrete				1420.83		
		tonne					1.42		
	Basic Rate	60607.00							
	Area Weightage @8%	4848.56							
	Total Amount	65455.56							
						Total Executed Quantity	4.33		
						Tender Quantity	3.63		
						Quantity Upto 125%	4.33	65455.56	283385.0
Item no 16	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons.								
	Samudayabhavana								
	For column Footing								
	F1	Sqm	2	4.2		0.75	6.30		
	F2	Sqm	6	4.2		0.75	18.90		
	Basic Rate	231.00							
	Area Weightage @8%	18.48							
	Total Amount	249.48							
						Total Executed Quantity	25.20	249.48	6286.9
						Tender Quantity	25.20		
Item no 17	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications								
	Samudayabhavana								
	Column Pedstral								
	C1	Sqm	2	2.4		0.75	3.60		
	C2	Sqm	6	2.4		0.75	10.80		
	Column upto Plinth								
	C1	Sqm	2	1.06		0.30	0.64		
	C2	Sqm	6	1.26		0.30	2.27		
	Column up to roof								
	C1	Sqm	2	1.06		3.03	6.42		
	C2	Sqm	6	1.26		3.03	22.91		
	Basic Rate	366.00							
	Area Weightage @8%	29.28							
	Total Amount	395.28							
						Total Executed Quantity	46.63	395.28	18433.6
						Tender Quantity	46.89		
Item no 18	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications.								
	Samudayabhavana								
	Plinth Beam								
	Along short length	Sqm	2	4.84		0.45	4.36		
	Along long length	Sqm	4	9.13		0.45	16.43		
	Front along short	Sqm	4	1.78		0.45	3.20		
	Front along short	Sqm	4	0.81		0.45	1.46		

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
	Front along long	Sqm	2	3.23		0.45	2.91		
	Overal Lintel								
	Northenside and Southernside Long Wall	Sqm	4	9.82		0.15	5.89		
	Westernside Wall	Sqm	2	4.84		0.15	1.45		
	Easternside Short Wall	Sqm	4	0.79		0.15	0.47		
	Northenside and Southernside front Side Short Wall	Sqm	4	2.01		0.15	1.21		
	Easternsidewall fornt wall	Sqm	2	3.69		0.15	1.11		
	Cills								
	Window, W	Sqm	4	2.02		0.10	0.81		
	Window, W1	Sqm	4	0.70		0.10	0.28		
	Window, W2	Sqm	4	1.10		0.10	0.44		
	Roof Beam								
	Along short length	Sqm	6	4.95		0.45	13.37		
	Along long length	Sqm	4	8.77		0.45	15.79		
	Front along short	Sqm	4	2.08		0.45	3.74		
	Front along long	Sqm	2	3.29		0.45	2.96		
	Basic Rate	256.00							
	Area Weightage @8%	20.48							
	Total Amount	**276.48**							
						Total Executed Quantity	75.87	276.48	20977.6
						Tender Quantity	80.16		
Item no 19	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications.								
	Samudayabhavana								
	Roof Slab								
		Sqm	2	5.45		0.15	1.64		
		Sqm	2	12.70		0.15	3.81		
	Basic Rate	678.00							
	Area Weightage @8%	54.24							
	Total Amount	**732.24**							
						Total Executed Quantity	5.45	732.24	3987.0
						Tender Quantity	5.70		
Item no 20	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification.								
	Samudayabhavana								
	Roof Slab	Sqm	1	5.45	10.22		55.70		
		Sqm	1	4.25	2.48		10.54		
	Basic Rate	237.00							
	Area Weightage @8%	18.96							
	Total Amount	**255.96**							
						Total Executed Quantity	66.24	255.96	16954.5
						Tender Quantity	79.49		

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no 21	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.								
	Samudayabhavana								
	For Foundation								
	Step 1								
	Westernside Wall	Cum	1	4.24	0.9	0.75	2.86		
	Easternside Short Wall	Cum	1	0.87	0.9	0.75	0.58		
	Easternside Short Wall	Cum	1	0.59	0.9	0.75	0.39		
	Easternsidewall fornt wall	Cum	1	3.24	0.9	0.75	2.19		
	Northenside and Southernside Long Wall	Cum	2	7.94	0.9	0.75	10.71		
	Northenside and Southernside front Side Short Wall	Cum	1	1.64	0.9	0.75	1.10		
	Northenside and Southernside front Side Short Wall	Cum	1	1.64	0.9	0.75	1.10		
	Step 2								
	Westernside Wall	Cum	1	4.24	0.75	0.50	1.59		
	Easternside Short Wall	Cum	1	0.865	0.75	0.50	0.32		
	Easternside Short Wall	Cum	1	0.585	0.75	0.50	0.22		
	Easternsidewall fornt wall	Cum	1	3.24	0.75	0.50	1.22		
	Northenside and Southernside Long Wall	Cum	2	7.935	0.75	0.50	5.95		
	Northenside and Southernside front Side Short Wall	Cum	1	1.635	0.75	0.50	0.61		
	Northenside and Southernside front Side Short Wall	Cum	1	1.635	0.75	0.50	0.61		
	Step 3								
	Westernside Wall	Cum	1	4.24	0.60	0.45	1.14		
	Easternside Short Wall	Cum	1	0.865	0.60	0.45	0.23		
	Easternside Short Wall	Cum	1	0.585	0.60	0.45	0.16		
	Easternsidewall fornt wall	Cum	1	3.24	0.60	0.45	0.87		
	Northenside and Southernside Long Wall	Cum	2	7.935	0.60	0.45	4.28		
	Northenside and Southernside front Side Short Wall	Cum	1	1.635	0.60	0.45	0.44		

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
	Northenside and Southernside front Side Short Wall	Cum	1	1.635	0.60	0.45	0.44		
	Front Steps	Cum	1	3	0.60	0.30	0.54		
		Cum	1	3	0.45	0.30	0.41		
	Basic Rate	4187.00							
	Area Weightage @8%	334.96							
	Total Amount	**4521.96**							
						Total Executed Quantity	**38.00**	**4521.96**	**171822.7**
						Tender Quantity	**39.04**		
Item no 22	Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 3.5 Newton per sqmm with mud mortar for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications								
	Samudayabhavana								
	For Wall								
	Northenside and Southernside Long Wall	Cum	2	9.13	0.23	3.03	12.73		
	Westernside Wall	Cum	1	4.04	0.23	3.03	2.82		
	Easternside Short Wall	Cum	1	0.56	0.23	3.03	0.39		
	Easternside Short Wall	Cum	1	0.58	0.23	3.03	0.40		
	Easternsidewall fornt wall	Cum	1	3.09	0.23	3.03	2.15		
	Northenside and Southernside front Side Short Wall	Cum	2	2.01	0.23	3.03	2.80		
	Parapet Wall	Cum	2	9.36	0.23	0.45	1.94		
		Cum	1	4.38	0.23	0.45	0.45		
		Cum	1	0.56	0.23	0.45	0.06		
		Cum	1	0.58	0.23	0.45	0.06		
	Deduction								
	W	Cum	-2	1.82	0.23	1.20	-1.00		
	W1	Cum	-2	0.50	0.23	1.23	-0.28		
	W2	Cum	-2	0.90	0.23	0.60	-0.25		
	Door	Cum	-1	1.20	0.23	2.10	-0.58		
	Basic Rate	5114.00							
	Area Weightage @8%	409.12							
	Total Amount	**5523.12**							
						Total Executed Quantity	**21.68**		
						Tender Quantity	**19.33**		
						Quantity Upto 125%	**21.68**	**5523.12**	**119761.1**
Item no 23	Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.								
	Samudayabhavana								
	Outside Plastering								
	Northenside and Southernside Long Wall	Sqm	2	9.82		3.63	71.29		
	Westernside Wall	Sqm	1	4.84		3.63	17.57		
	Easternside Short Wall	Sqm	1	0.79		3.63	2.87		
	Easternside Short Wall	Sqm	1	0.81		3.63	2.94		

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
	Easternsidewall fornt wall	Sqm	1	3.69		3.63	13.39		
	Northenside and Southernside front Side Short Wall	Sqm	2	2.24		3.63	16.26		
	Parapet Wall	Sqm	4	9.36		0.45	16.85		
		Sqm	2	4.38		0.45	3.94		
		Sqm	2	0.56		0.45	0.50		
		Sqm	2	0.58		0.45	0.52		
	Deduction								
	W	Sqm	-2	1.82		1.2	-4.37		
	W1	Sqm	-2	0.5		1.23	-1.23		
	W2	Sqm	-2	0.9		0.6	-1.08		
	Door	Sqm	-1	1.2		2.1	-2.52		
	Basic Rate	244.00							
	Area Weightage @8%	19.52							
	Total Amount	**263.52**							
						Total Executed Quantity	**136.95**		
						Tender Quantity	**98.28**		
						Quantity Upto 125%	**122.85**	**263.52**	**32373.43**
						Quantity Above 125%	**14.10**	**263.52**	**3714.45**
Item no 24	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.								
	Samudayabhavana								
	Ceiling								
		Sqm	1	4.38	9.28		40.65		
		Sqm	1	3.23	1.70		5.49		
	Beam	Sqm	2	4.38		0.45	3.94		
			2	0.70		0.45	0.63		
	Basic Rate	193.00							
	Area Weightage @8%	15.44							
	Total Amount	**208.44**							
						Total Executed Quantity	**50.71**	**208.44**	**10569.87**
						Tender Quantity	**50.71**		
Item no 25	Providing 15mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.								
	Samudayabhavana								
	Inside Plastering								
	Northenside and Southernside Long Wall	Sqm	2	9.36		3.48	65.15		
	Westernside Wall	Sqm	1	4.38		3.48	15.24		
	Northenside and	Sqm	2	1.78		3.48	12.39		
	Easternside Short Wall	Sqm	1	0.56		3.48	1.95		
	Easternside Short Wall	Sqm	1	0.58		3.48	2.02		
	Easternsidewall fornt wall	Sqm	1	3.23		3.48	11.24		
	Deduction								
	W	Sqm	-2	1.82		1.2	-4.37		

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
	W1	Sqm	-2	0.5		1.23	-1.23		
	W2	Sqm	-2	0.9		0.6	-1.08		
	Door	Sqm	-1	1.2		2.1	-2.52		
	Basic Rate	205.00							
	Area Weightage @8%	16.40							
	Total Amount	221.40							
						Total Executed Quantity	98.79		
						Tender Quantity	90.92		
						Quantity Upto 125%	98.79	221.40	21871.31
Item no 26	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.								
	Samudayabhavana								
	Inside Painting								
	Northenside and Southernside Long Wall	Sqm	2	9.36		1.38	25.83		
	Westernside Wall	Sqm	1	4.38		1.38	6.04		
	Northenside and Southernside front Side Short Wall	Sqm	2	1.78		1.38	4.91		
	Easternside Short Wall	Sqm	1	0.56		1.38	0.77		
	Easternside Short Wall	Sqm	1	0.58		1.38	0.80		
	Easternsidewall fornt wall	Sqm	1	3.23		1.38	4.46		
	Ceiling								
		Sqm	1	4.38	9.28		40.65		
		Sqm	1	3.23	1.7		5.49		
	Beam	Sqm	2	4.38		0.45	3.94		
			2	0.7		0.45	0.63		
	Outside Plastering								
	Northenside and Southernside Long Wall	Sqm	2	9.82		3.63	71.29		
	Westernside Wall	Sqm	1	4.84		3.63	17.57		
	Easternside Short Wall	Sqm	1	0.79		3.63	2.87		
	Easternside Short Wall	Sqm	1	0.81		3.63	2.94		
	Easternsidewall fornt wall	Sqm	1	3.69		3.63	13.39		
	Northenside and Southernside front Side Short Wall	Sqm	2	2.24		3.63	16.26		
	Parapet Wall	Sqm	4	9.36		0.45	16.85		
		Sqm	2	4.38		0.45	3.94		
		Sqm	2	0.56		0.45	0.50		
		Sqm	2	0.58		0.45	0.52		

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
	Deduction								
	W	Sqm	-2	1.82		1.2	-4.37		
	W1	Sqm	-2	0.5		1.23	-1.23		
	W2	Sqm	-2	0.9		0.6	-1.08		
	Door	Sqm	-1	1.2		2.1	-2.52		
	Basic Rate	71.00							
	Area Weightage @8%	5.68							
	Total Amount	76.68							
						Total Executed Quantity	230.48	76.68	17672.92
						Tender Quantity	239.90		
Item no 27	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.								
	Samudayabhavana								
	W	kgs	2			45.86	91.73		
			21kg per sqm 1.82*1.2*21=45.86						
	W1	kgs	2			12.92	25.83		
			21kg per sqm 0.5*1.23*21=12.92						
	W2	kgs	2			11.34	22.68		
			21kg per sqm 0.9*0.6*21=11.34						
	Basic Rate	78.00							
	Area Weightage @8%	6.24							
	Total Amount	84.24							
						Total Executed Quantity	140.24	84.24	11813.65
						Tender Quantity	158.76		
Item no 28	Providing Teak wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications.								
	Samudayabhavana								
	D	Cum	1	6.60	0.15	0.10	0.10		
	Basic Rate	185914.00							
	Area Weightage @8%	14873.12							
	Total Amount	200787.12							
						Total Executed Quantity	0.10		
						Tender Quantity	0.07		
						Quantity Upto 125%	0.09	200787.12	17568.87
						Quantity Above 125%	0.01	200787.12	1646.45
Item no 29	Providing and fixing in position fully panelled Teak wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications.								
	Samudayabhavana								
	D	Sqm	1	1.20		2.10	2.52		
	Basic Rate	8300.00							
	Area Weightage @8%	664.00							
	Total Amount	8964.00							
						Total Executed Quantity	2.52	8964.00	22589.28
						Tender Quantity	2.52		

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no 30	Providing and fixing aluminium fixtures like aldrops of size 300 X 16mm towe bolts of size 200 X 12 mm, Latches of size 250 X 12 mm, 100mm length oxidized iron hinges, handles of size 150mm, door stopper and door brush of approved make and quality including cost and conveyance of all materials and as per the direction of EIC of work with all lead and lift and as directed by the engineer incharge of work, Single shutter.								
	Samudayabhavana								
		Sqm	3				3.00		
	Basic Rate	4344.00							
	Area Weightage @8%	347.52							
	Total Amount	**4691.52**							
						Total Executed Quantity	3.00	4691.52	14074.56
						Tender Quantity	3.00		
Item no 31	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.								
	Samudayabhavana								
	D	Sqm	1	1.20		2.10	2.52		
	Basic Rate	84.00							
	Area Weightage @8%	6.72							
	Total Amount	**90.72**							
						Total Executed Quantity	2.52	90.72	228.61
						Tender Quantity	5.04		
Item no 32	Extra over Item No. 15-17.6 for applying every subsequent coat of enamel paint to give an even shade after cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.								
	Samudayabhavana								
	D	Sqm	1	1.20		2.10	2.52		
	Basic Rate	48.00							
	Area Weightage @8%	3.84							
	Total Amount	**51.84**							
						Total Executed Quantity	2.52	51.84	130.64
						Tender Quantity	5.04		
Item no 33	Providing and fixing 20mm thick gang saw water cut LAKARED granite in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification .								
	Samudayabhavana								
	Flooring	Sqm	1	4.38	9.36		41.00		
		Sqm	1	3.23	1.78		5.75		
	Deduction								
	Floor	Sqm	-1	3.4	3.38		-11.49		
	Basic Rate	3695.00							
	Area Weightage @8%	295.60							
	Total Amount	**3990.60**							
						Total Executed Quantity	35.25	3990.60	140685.41
						Tender Quantity	50.70		
Item No 34	Providing and fixing of wall cladding using 20 mm thick gang saw water cut granite in CM 1:3 proportion cut to required shape patron with paper joint finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm × 12mm grooves in joints including curing etc., complete - with grey granite 20mm thick gang saw with minimum width 1200.								
	Samudayabhavana								
	Inside								
	Northenside and Southernside Long Wall	Sqm	2	9.36		2.1	39.31		

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
	Westernside Wall	Sqm	1	4.38		2.1	9.20		
	Easternside Short Wall	Sqm	1	0.56		2.1	1.18		
	Easternside Short Wall	Sqm	1	0.58		2.1	1.22		
	Easternsidewall fornt wall	Sqm	1	3.23		2.1	6.78		
	Northenside and Southernside front Side Short Wall	Sqm	2	1.78		2.1	7.48		
	Outside								
		Sqm	1	3.69		3.48	12.84		
	Deduction								
	W	Sqm	-2	1.82		1.2	-4.37		
	W1	Sqm	-2	0.5		1.23	-1.23		
	W2	Sqm	-2	0.9		0.6	-1.08		
	Door	Sqm	-1	1.2		2.1	-2.52		
	Basic Rate	2295.00							
	Area Weightage @8%	183.60							
	Total Amount	2478.60							
						Total Executed Quantity	68.81		
						Tender Quantity	66.14		
						Quantity Upto 125%	68.81	2478.60	170543.05
Item No 35	Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, labour complete as per specifications.								
	Samudayabhavana								
	Terrace	Sqm	1	5.45	10.22		55.70		
		Sqm	1	4.25	2.48		10.54		
			-1	24.24	0.23		-5.58		
	Basic Rate	904.00							
	Area Weightage @8%	72.32							
	Total Amount	976.32							
						Total Executed Quantity	60.66		
						Tender Quantity	57.14		
						Quantity Upto 125%	60.66	976.32	59227.28
Item No 36	Supplying heavy gauge PVC conduit pipe..... dia confirming to IS 2509 with suitable size benda, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.								
							25.00		
	a)20mm dia 2mm	m	25						
	Concealed conduit								
	System					**Total Executed Quantity**	25.00	70.00	1750
						Tender Quantity	25.00		

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item No 37	Supplying..... mm dia 2mm/2.5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary.								
	b)25mm dia 2mm thick	m	25				25.00		
						Total Executed Quantity	25.00	57.00	1425
						Tender Quantity	25.00		
Item No 38	Groove cutting in the wall supplying.....dia 2mm/2.5mm thick heavy gauge PVC Conduit Pipe with bends, metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out conduit wherever necessary.								
	b)25mm dia 2mm thick	m	25				25.00		
						Total Executed Quantity	25.00	58.00	1450
						Tender Quantity	30.00		
Item No 39	Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required with one coat of approved make etc.								
	c) 135x75x65mm								
		each	5				5.00		
						Total Executed Quantity	5.00	102.00	510
						Tender Quantity	5.00		
	d)180x90x65mm								
		each	5				5.00		
						Total Executed Quantity	5.00	110.00	550
						Tender Quantity	5.00		
	e)200x90x65mm								
		each	5				5.00		
						Total Executed Quantity	5.00	120.00	600
						Tender Quantity	5.00		
Item No 40	Supplying and fixing PVC/metal conduit accessories.(3/5)								
	1.Special type junction box								
	d)40mm junction box								
		each	5.00				5.00		
						Total Executed Quantity	5.00	53.00	265
						Tender Quantity	5.00		
	2. Deep junction box								
	c) 32mm deep junction box								
		each	5				5.00		
						Total Executed Quantity	5.00	65.00	325
						Tender Quantity	5.00		
Item No 41	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work cpmplete.								
	a)12"x12"x3" (330x300x76mm)								
		m	5				5.00		
						Total Executed Quantity	5.00	116.00	580
						Tender Quantity	5.00		
	b)12"x9"x3" (300x228x76)								
		m	5				5.00		
						Total Executed Quantity	5.00	98.00	490
						Tender Quantity	5.00		

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item No 42	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. compelete for each outlet.								
	a) Short point up to 3Mtr from tapping point to out let via switch Each point								
		each	5				5.00		
						Total Executed Quantity	5.00	174.00	870
						Tender Quantity	5.00		
	b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch (Each point)								
		each	5				5.00		
						Total Executed Quantity	5.00	245.00	1225
						Tender Quantity	5.00		
Item No 43	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using copper PVC insulated multi strand 2x1.5Sqmm copper wire without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.								
	a) Short point up to 3Mtr from tapping point to out let via switch box								
		each	5				5.00		
						Total Executed Quantity	5.00	144.00	720
						Tender Quantity	5.00		
	b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch box								
		each	5				5.00		
						Total Executed Quantity	5.00	215.00	1075
						Tender Quantity	5.00		
Item No 44	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.								
	I.Group-A								
	e) 6Moudule								
		each	10				10.00		
						Total Executed Quantity	10.00	173.00	1730
						Tender Quantity	10.00		
Item No 45	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate.								
	I.Using Group "A" materials								
	a) 6Amps one way.								
		each	10				10.00		
						Total Executed Quantity	10.00	63.00	630
						Tender Quantity	10.00		
	i) 32Amps DP switch								
		each					10.00		
			10				10.00	164.00	1640
						Total Executed Quantity	10.00		
						Tender Quantity			

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate in RS.	Amount in RS.
	j) 6/16Amps universal socket								
		each	5				5.00		
						Total Executed Quantity	5.00	147.00	735
						Tender Quantity	5.00		
Item No 46	Supplying and fixing 32Amps security and energy saving DP switch with key tag suitable to operate on 230 Volts, 50Hz AC supply &completely wired on existing box.								
	I.Using Group "A" materials								
		each	10				10.00		
						Total Executed Quantity	10.00	168.00	1680
						Tender Quantity	10.00		
Item No 47	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or concealed system of wiring.								
	I. Group A.								
	a. 1 sqmm.								
		m	25				25.00		
						Total Executed Quantity	25.00	13.00	325
						Tender Quantity	25.00		
	b. 1.5 sqmm								
		m	25				25.00		
						Total Executed Quantity	25.00	18.60	465
						Tender Quantity	25.00		
	C. 6 sqmm								
		m	25				25.00		
						Total Executed Quantity	25.00	56.80	1420
						Tender Quantity	25.00		
Item No 48	Supplying and fixing of PVC casing and capping on the wall or ceilng using necessary materials like bends, screws at an interval of 300mm .... Etc as required.								
	a) 20mm								
		m	15				15.00		
						Total Executed Quantity	15.00	24.00	360
						Tender Quantity	15.00		
Item No 49	Supplying PVC/GI flexible conduit pipe....mm dia fixing on surface over inverted wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and either end of the pipe terminated completely.								
	a) 20mm								
		Nos	15				15.00		
						Total Executed Quantity	15.00	23.00	345
						Tender Quantity	15.00		
Item No 50	Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size 110mm conduit using necessary machine screws.								
	b) 110mm	Nos	15				15.00		
						Total Executed Quantity	15.00	8.75	131.25
						Tender Quantity	15.00		
Item No 51	Supplying a 50mm wooden plug, tapered from 50x50mm to 25x25mm and fixing by using binding wire before concreting a roof slap.								
		Nos	15				15.00		
						Total Executed Quantity	15.00	4.00	60
						Tender Quantity	15.00		
								ROAD SUB TOTAL	6274247.90
								BUILDING SUB TOTAL	1485288.33
								SUB TOTAL	7759536.23
								Add KRIDL @ 4%	310381.45
								Add 12% GST for ROAD	752909.75
								DPR & PMC Charges including GST	177000.00
								Miscellaneous & Rounding off	172.57
								TOTAL AMOUNT	9000000.00

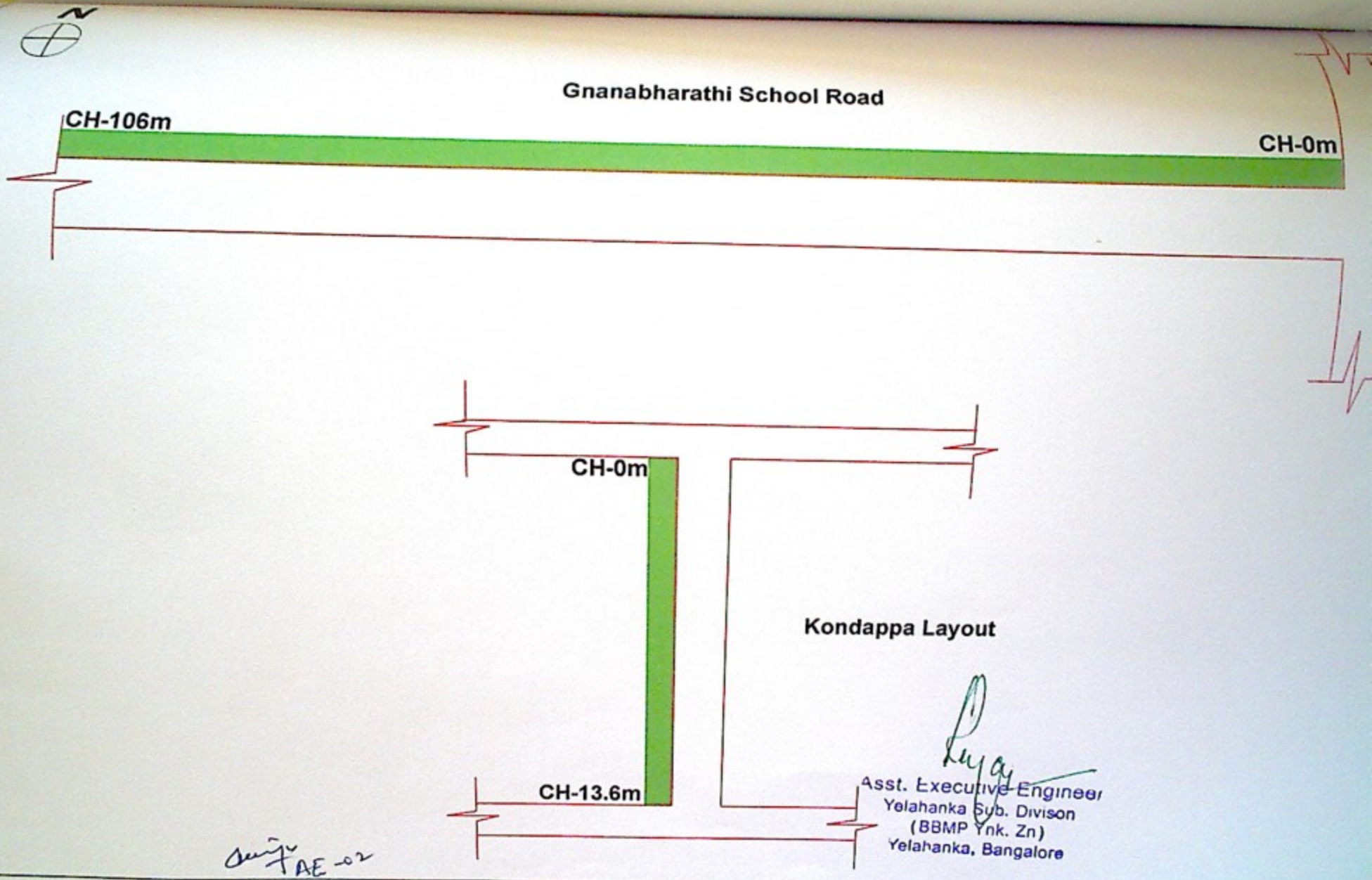
Technical Sanction
Accorded for Rs. 90.00 lakhs
Head of A/C P-3722....
CER NO : TS/68/2021 Dt: 13/01/2021

TA - CE (YNK)

Assistant Engineer
Ward 02
BBMP

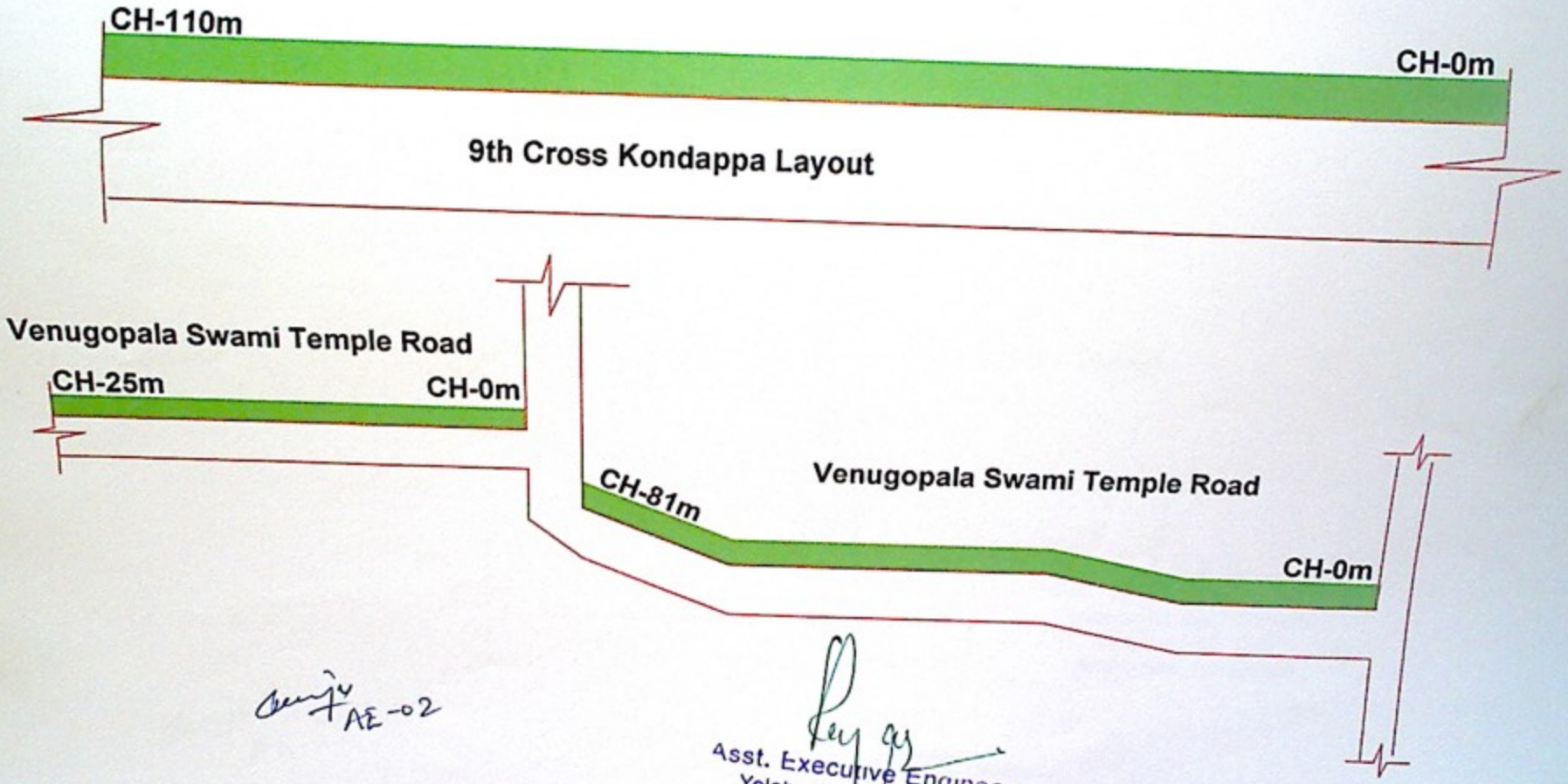
Assistant Executive Engineer
Yelahanka Sub Division
BBMP

Executive Engineer
Yelahanka Division
BBMP



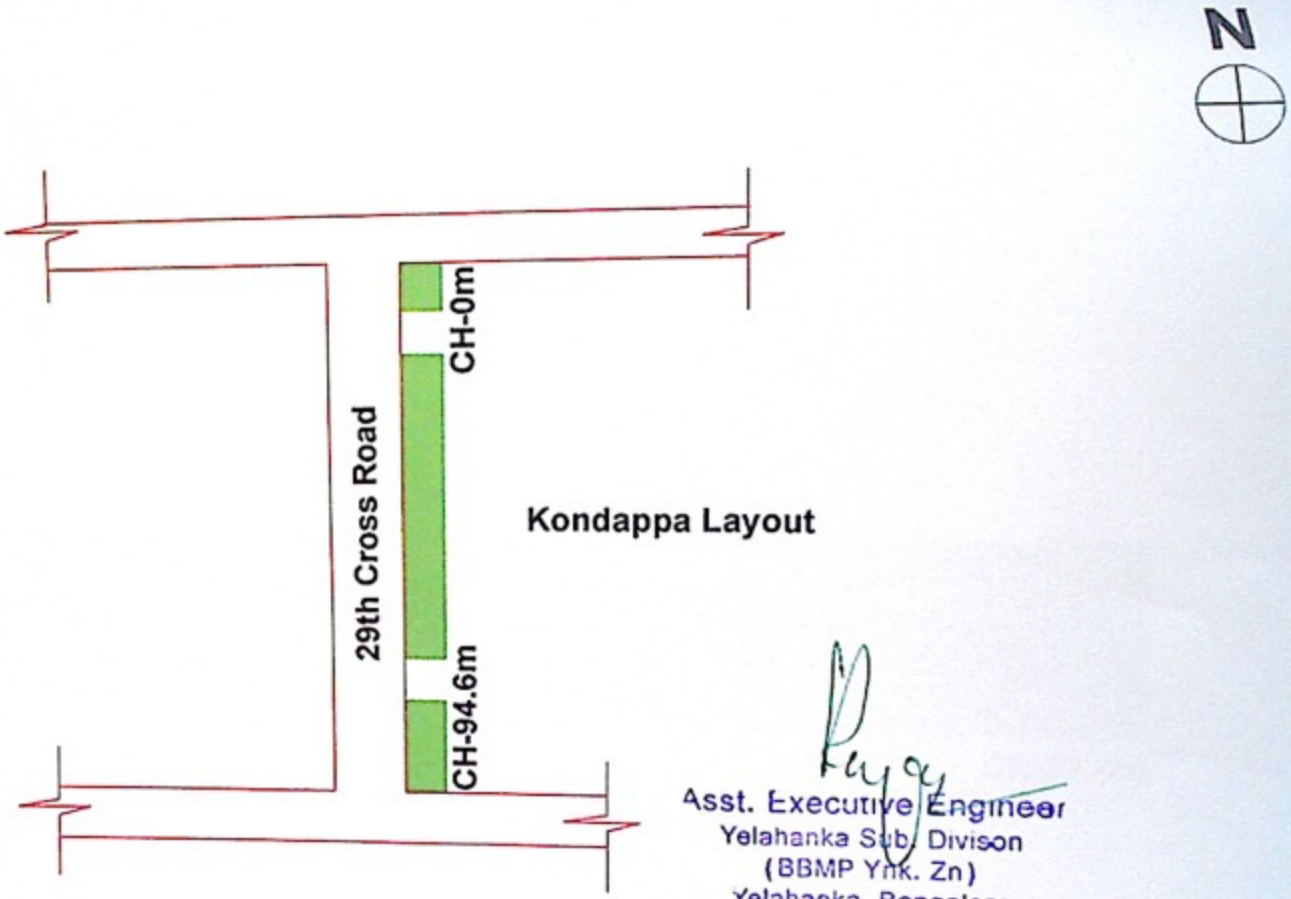
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

AE-02



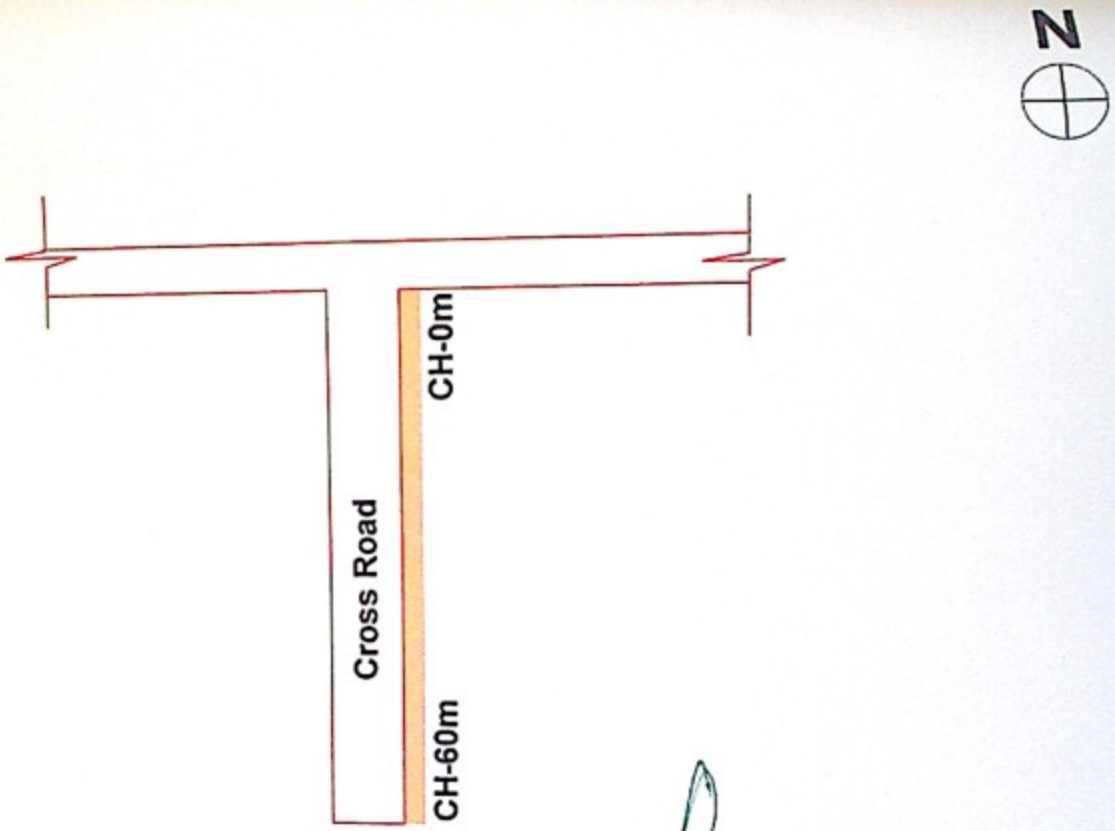
AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore



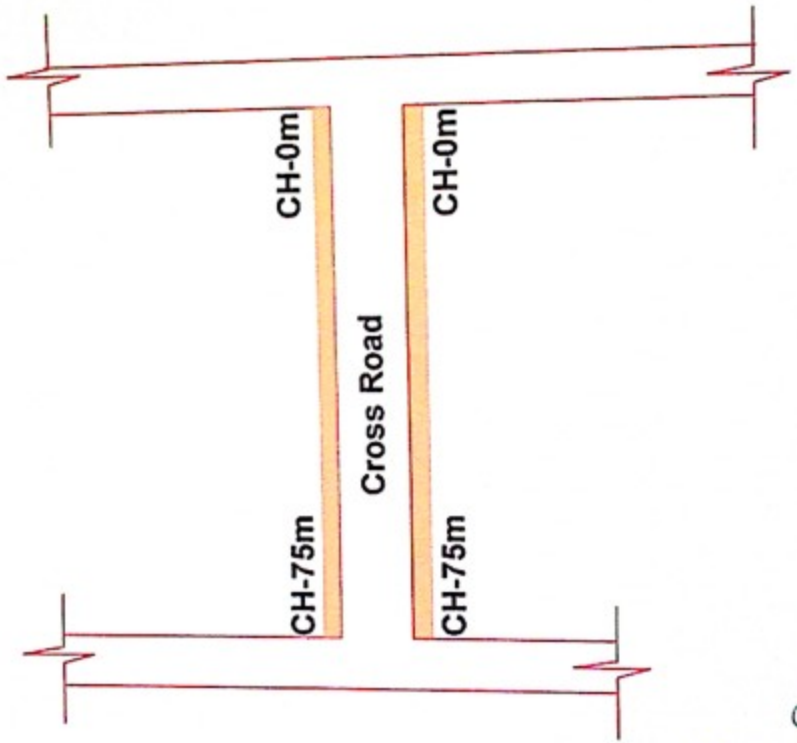
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

AE-02



AE-02

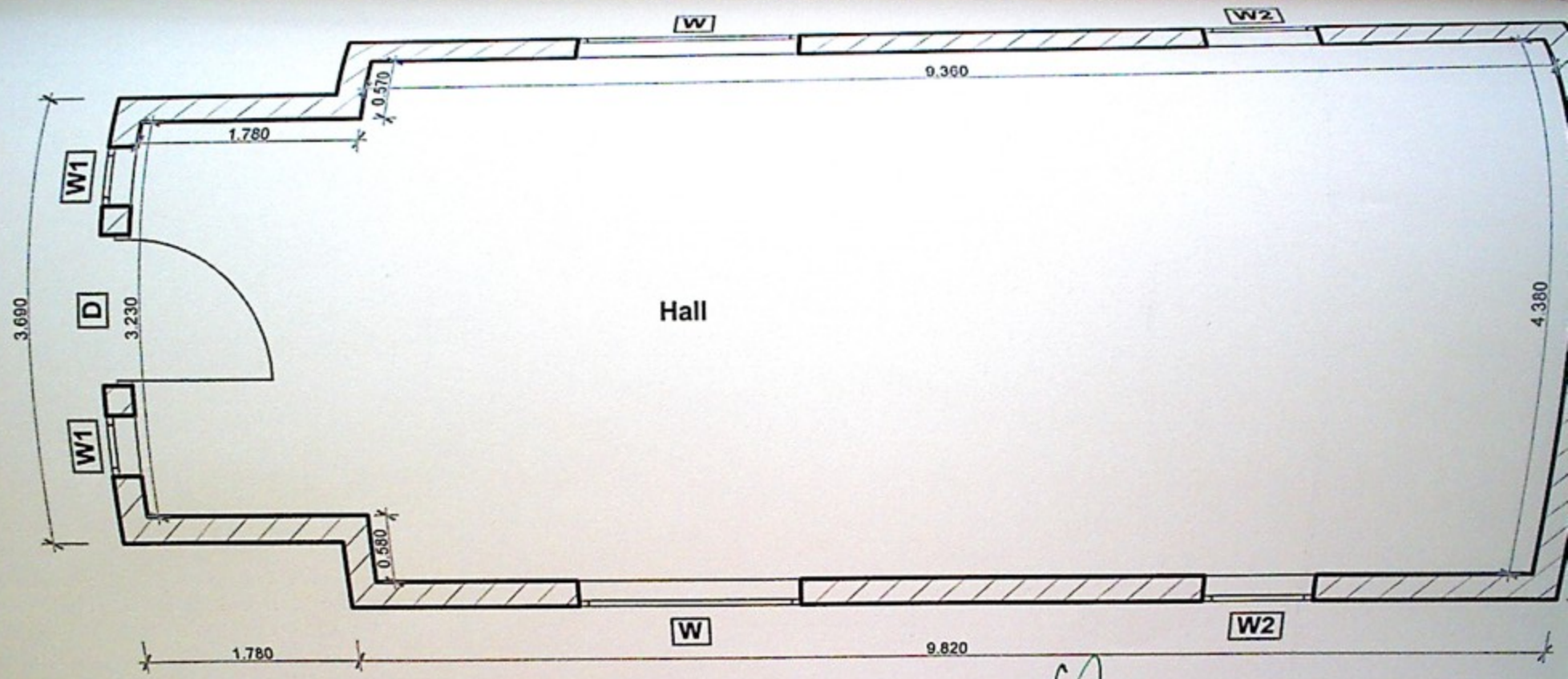
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore



N

AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore



Ground Floor Plan

AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

NOTES:-
1) Do Not Scale The Drawing
2) All Dimensions Are In Millim

Built up area :- 54.09 Sqm

PROJECT	Improvements to Roads and Drains at Yelahanka Old Town SC/ST area and AD colony and surrounding areas in Ward No. 02 of Yelahanka Sub division	DESIGN	R.KARTHIK RECHAN		RUDRAPRASAD CONSULTANTS STRUCTURAL ENGINEERS, ARCHITECTS & PROJECT MANAGEMENT CONSULTANTS
		CHECKED	R.RUDRAPRASAD		
CLIENT	BBMP	DATE	04-01-2021	DRAWN	ABHISHEK M
TITLE	Ground Floor Plan	DWG NO.	AR-YNKSBDLG-01	SCALE: NTS	REV: R0